Transportation and the Vermont Comprehensive Energy Plan

Sue Minter, Secretary, VT Agency of Transportation

June 30, 2015

Vermont's Comprehensive Energy Plan's Big Goal:

90% renewable by 2050

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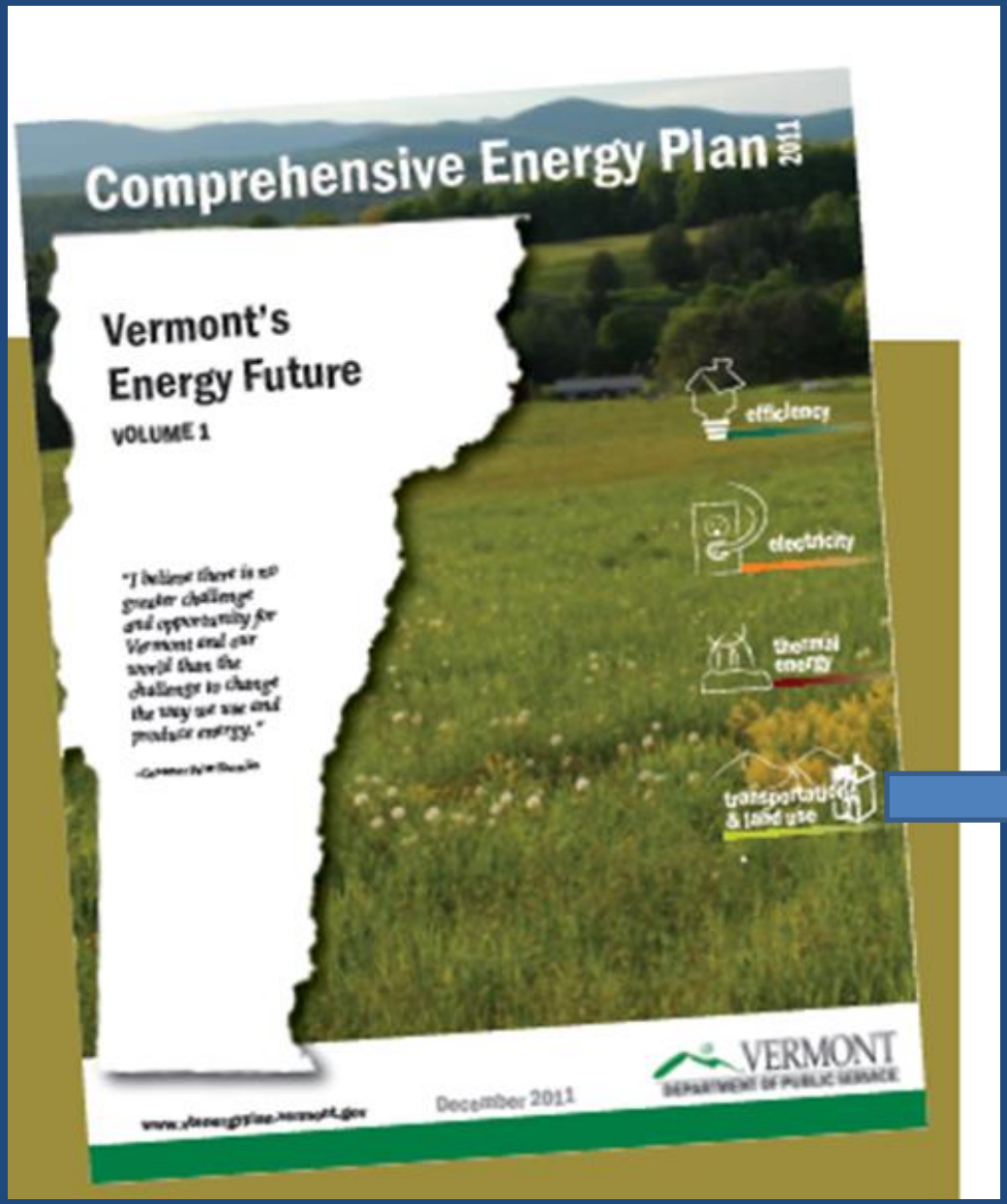
Vermont Agency of Transportation

Vermont Comprehensive Energy Plan



transportation & land use

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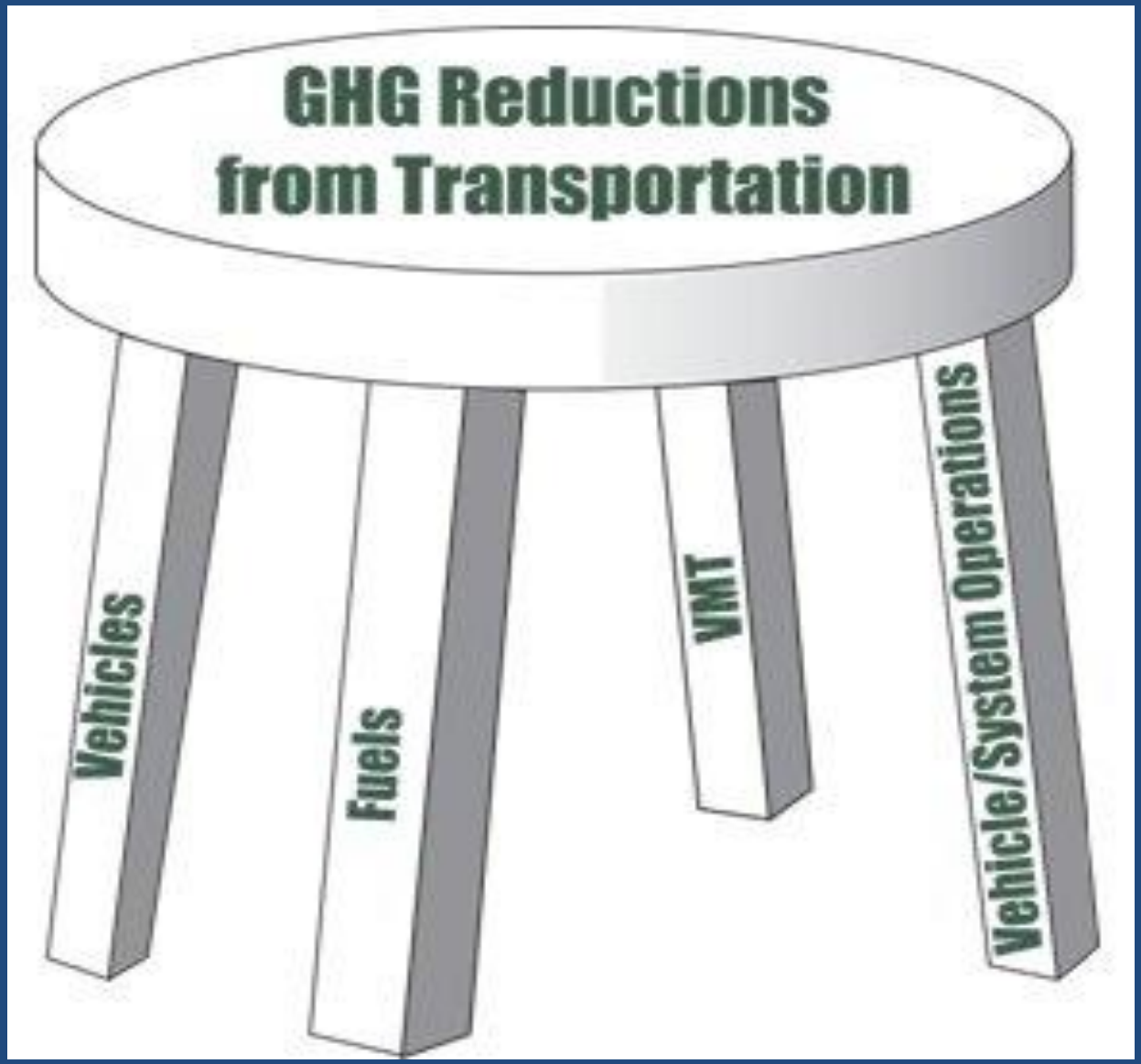

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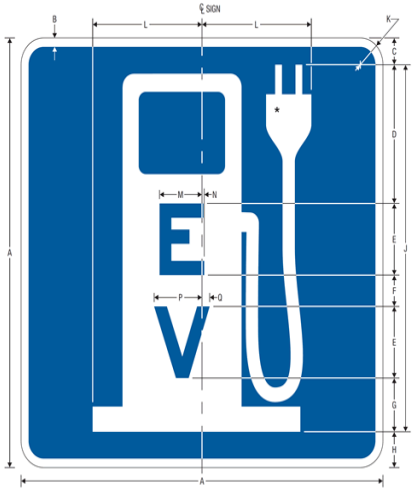
D9-11b (Alternate)
Issued 4/1/2011



D9-11b (Alternate)

Electric Vehicle Charging (Alternate Symbol)

	A	B	C	D	E	F	G	H	J	K	L	M
◻	24	0.5	1.5	7.75	4 E(m)	1.75	3	2	20.5	1.5	7.25	2.814
	30	0.75	1.875	9.625	5 E(m)	2	4	2.5	25.625	1.875	9.063	3.518

N	P	Q
0.148	3.174	0.507
0.185	3.968	0.635

★ See page IA-13-2 for symbol design

COLORS: LEGEND, BACKGROUND – BLUE (RETROREFLECTIVE)
SYMBOL, BORDER – WHITE (RETROREFLECTIVE)

IA-13-1

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go! VERMONT
ALL YOU NEED TO KNOW TO GO.

The Vermont Transportation Energy Profile
August 2013

http://vtransplanning.vermont.gov/reports

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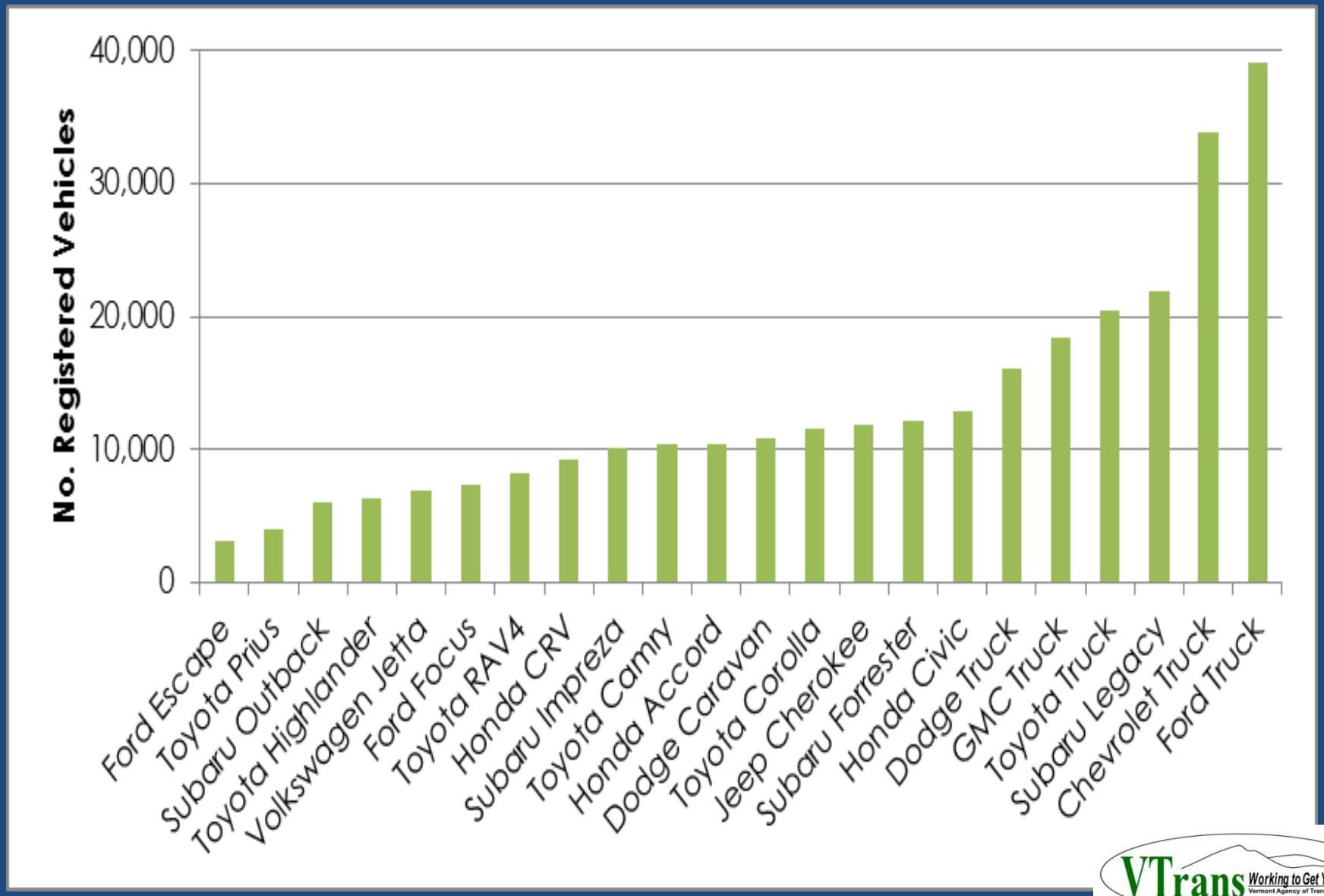
Top 20 Vehicle Models Registered in Vermont, 2012 (VT DMV 2012)



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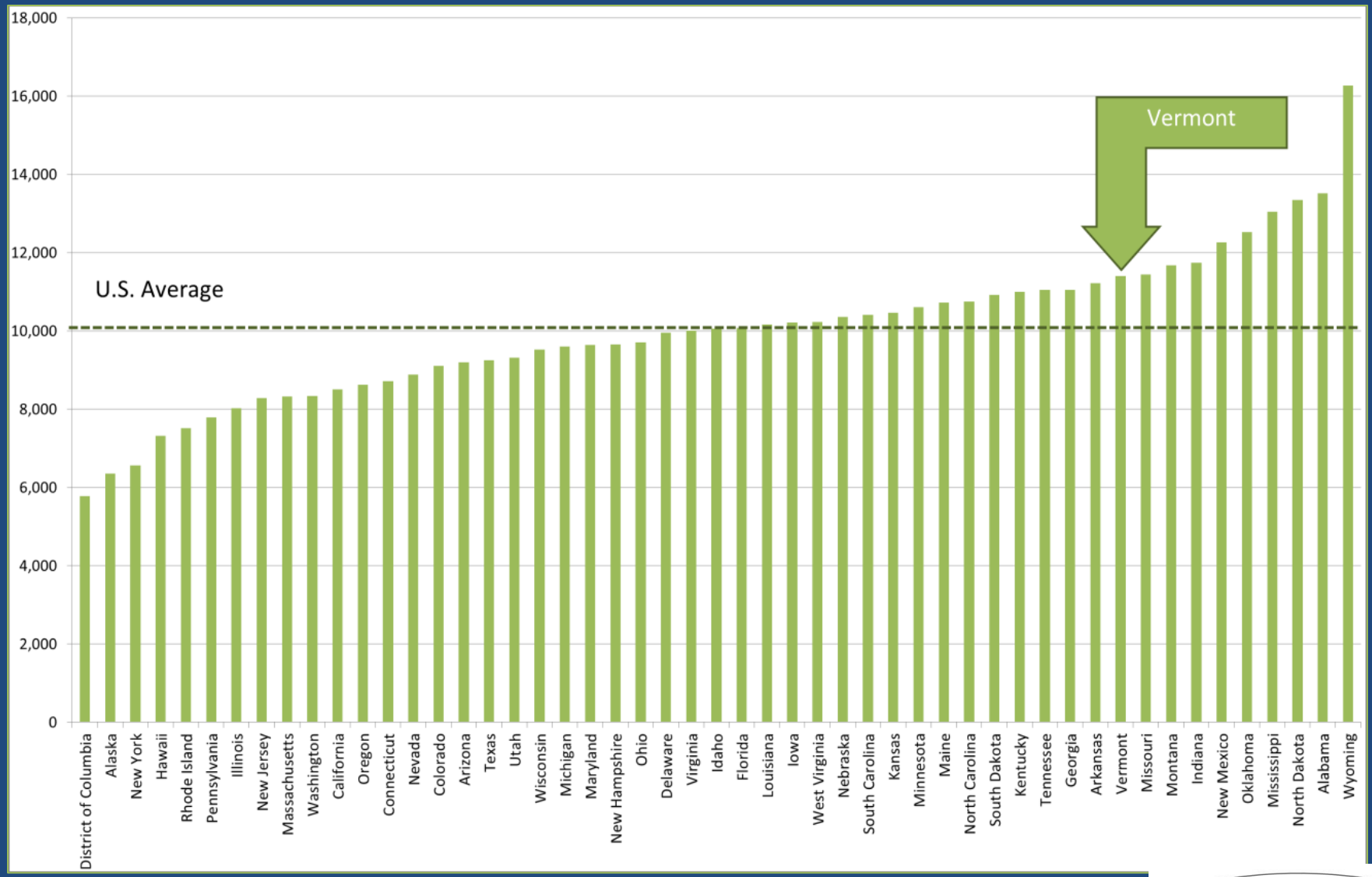
2011 VMT Per Capita for U.S. States (FHWA, 2011)



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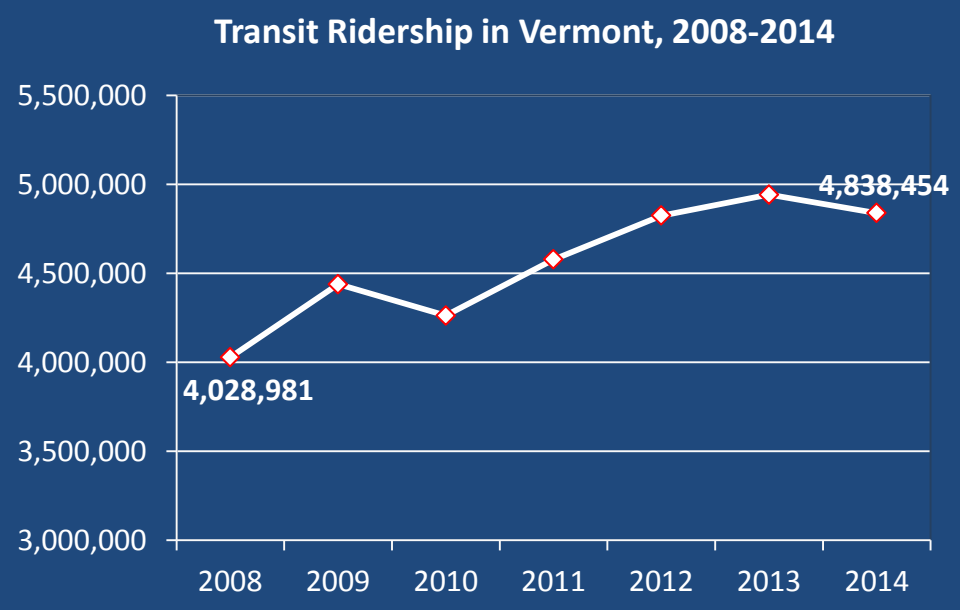
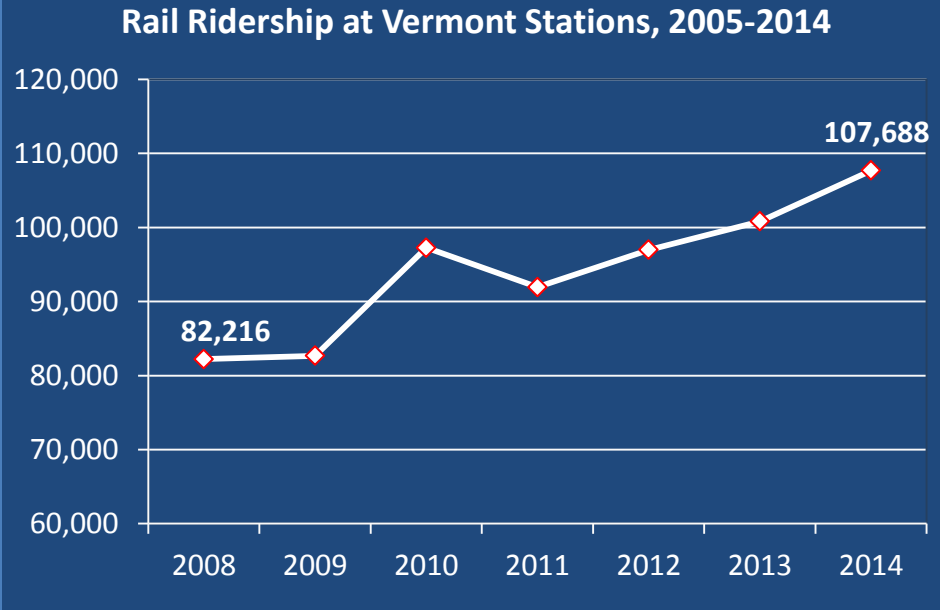
VT Transit and Rail Ridership



Ridership is increased 20% since 2008



Ridership increased 31% since 2005

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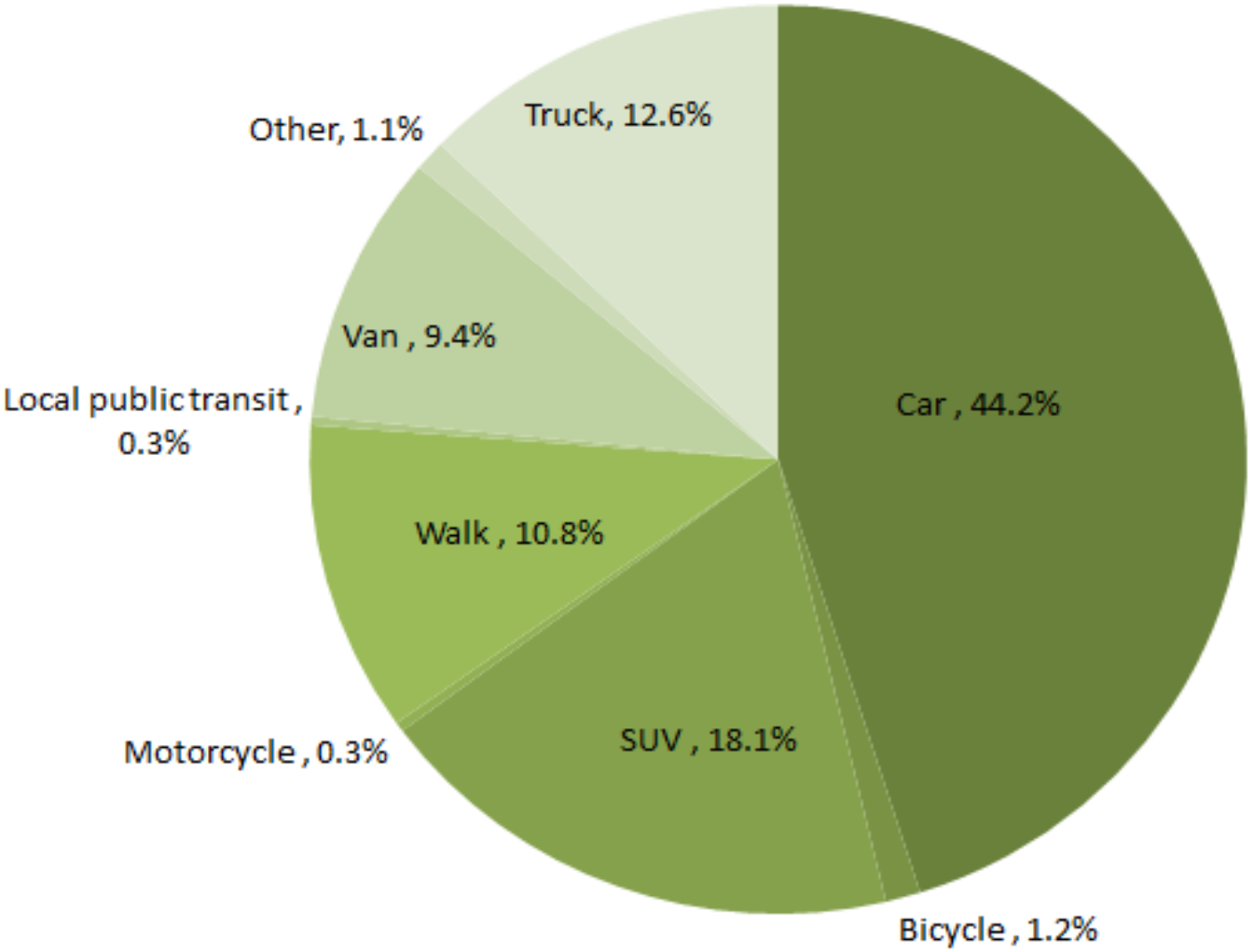
Mode Share for All Trip Purposes for Vermonters, 2009

(USDOT, 2010)



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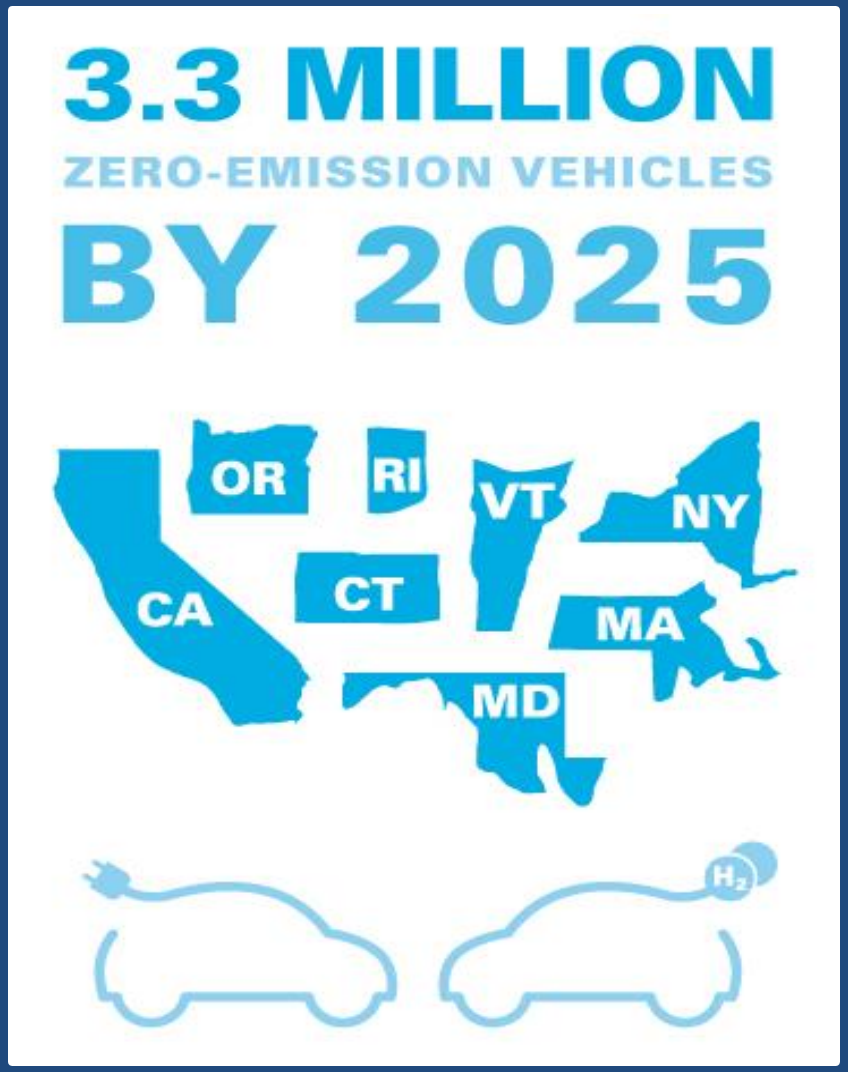
2015 CEP and Transportation – What's Changed Since 2012?



Multi-State ZEV Action Plan

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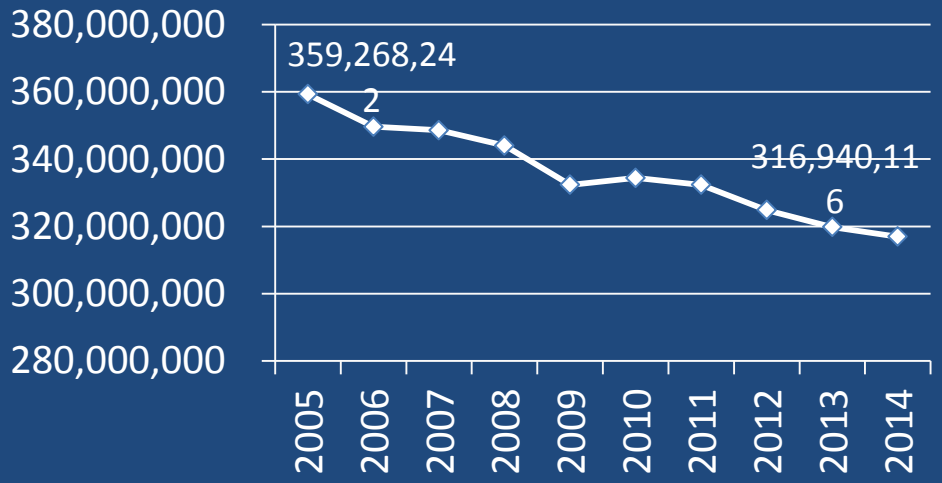
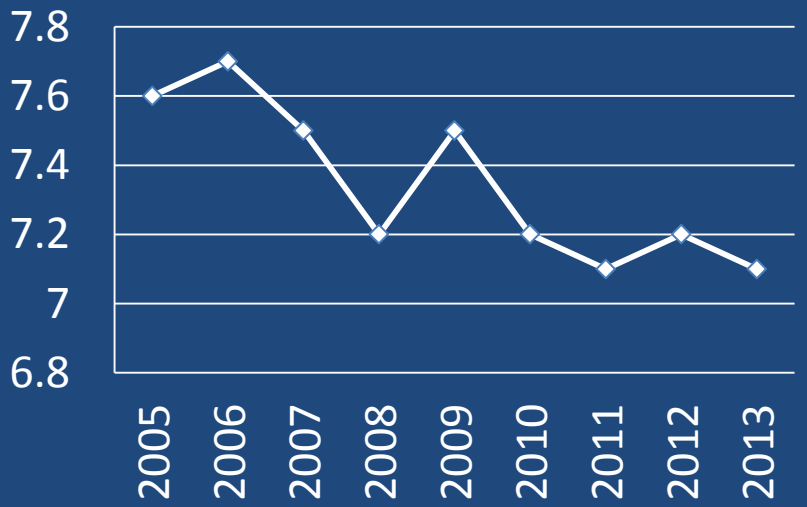
2015 CEP and Transportation – What's Changed Since 2012?

Gallons of Gasoline Sold in Vermont by State Fiscal Year



Vermont Vehicle Miles Travelled by Year (in billions)



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2015 CEP and Transportation – What's Changed Since 2012?

TRANSPORTATION & CLIMATE INITIATIVE
Of the Northeast and Mid-Atlantic States

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2015 CEP and Transportation – New and Emerging Issues:

- Technology and social media in support of car sharing
- Autonomous vehicles
- Advances in natural gas and fuel cell technologies

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2015 CEP and Transportation – We Need Your Help!

- ✓ Is land use part of your community's energy discussion? What should the state be doing to encourage the smart growth energy connection?
- ✓ Would you take the bus if it were available and how much are you willing to pay?
- ✓ Uber and other ride sharing tools are gaining in popularity. Would you use ridesharing technology if available in VT?
- ✓ The number of electric vehicles are increasing but we have a long way to go. What should the state be doing to support EV deployment?
- ✓ How can Vermont lessen its dependence on the gas tax? Are there other transportation revenue sources the state should be pursuing?